



Application No. 09/436,984  
Docket No. 740756-2063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	
	)	Confirmation No. 7375
Shunpei YAMAZAKI et al.	)	
	)	Examiner: William D. COLEMAN
Serial No. 09/436,984	)	
	)	Group Art Unit: 2823
Filed: November 9, 1999	)	
	)	Date: October 18, 2004
For: SEMICONDUCTOR DEVICE AND	)	
MANUFACTURING METHOD	)	
THEREOF	)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
220 20<sup>th</sup> Street, South  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

10/19/2004 MBEYENE1 00000003 132380 09436984

04 FC:1606 180.00 DA

The Commissioner is hereby authorized to charge the amount of \$180 to comply with the provisions of 37 C.F.R. § 1.97(c). The Commissioner is also authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380 (740756-2063).

Respectfully submitted,

By: 

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number		09/436,984
				Filing Date		November 9, 1999
				First Named Inventor		Shunpei YAMAZAKI et al.
				Art Unit		2823
				Examiner Name		William D. COLEMAN
				Attorney Docket Number		740756-2063
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)				
	1	US-4,357,557	November 2, 1982	INOHARA et al.		
	2	US-4,658,496	April 21, 1987	BEINVOGL et al.		
	3	US-5,072,263	December 10, 1991	WATANABE et al.		
	4	US-5,107,175	April 21, 1992	HIRANO et al.		
	5	US-5,124,204	June 23, 1992	YAMASHITA et al.		
	6	US-5,189,405	February 23, 1993	YAMASHITA et al.		
	7	US-5,405,791	April 11, 1995	AHMAD et al.		
	8	US-5,593,907	January 14, 1997	ANJUM et al.		
	9	US-5,686,360	November 11, 1997	HARVEY, III et al.		
	10	US-5,693,956	December 2, 1997	SHI et al.		
	11	US-5,757,126	May 26, 1998	HARVEY, III et al.		
	12	US-5,771,562	June 30, 1998	HARVEY, III et al.		
	13	US-5,786,620	July 28, 1998	RICHARDS, JR. et al.		
	14	US-5,801,416	September 1, 1998	CHOI et al.		
	15	US-5,811,177	September 22, 1998	SHI et al.		
	16	US-5,827,747	October 27, 1998	WANG et al.		
	17	US-5,869,929	February 9, 1999	EIDA et al.		
	18	US-5,914,498	June 22, 1999	SUZAWA et al.		
	19	US-5,929,483	July 27, 1999	KIM et al.		
	20	US-5,952,778	September 14, 1999	HASKAL et al.		
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	22	US-5,962,962	October 5, 1999	FUJITA et al.		
	23	US-6,114,183	September 5, 2000	HAMADA et al.		
	24	US-6,114,715	September 5, 2000	HAMADA		
	25	US-6,140,667	October 31, 2000	YAMAZAKI et al.		
	26	US-6,146,225	November 14, 2000	SHEATS et al.		
	27	US-6,150,187	November 21, 2000	ZYUNG et al.		
	28	US-6,165,824	December 26, 2000	TAKANO et al.		
	29	US-6,198,217	March 6, 2001	SUZUKI et al.		
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	31	US-6,200,836	March 13, 2001	YOO		
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	33	US-6,239,470	May 29, 2001	YAMAZAKI		
	34	US-6,268,071	July 31, 2001	YASUKAWA et al.		
	35	US-6,280,559	August 28, 2001	TERADA et al.		
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	39	US-6,348,368	February 19, 2002	YAMAZAKI et al.		
	40	US-6,348,382	February 19, 2002	SU et al.		
	41	US-6,365,917	April 2, 2002	YAMAZAKI		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

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				Group Art Unit		2823	
Examiner Name		William D. COLEMAN					
Attorney Docket Number		740756-2063					
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	42	US-6,365,933	April 2, 2002	YAMAZAKI et al.	
	43	US-6,380,558	April 30, 2002	YAMAZAKI et al.	
	44	US-6,413,645	July 2, 2002	GRAFF et al.	
	45	US-6,420,200	July 16, 2002	YAMAZAKI et al.	
	46	US-6,432,561	August 13, 2002	YAMAZAKI	
	47	US-6,433,487	August 13, 2002	YAMAZAKI	
	48	US-6,440,877	August 27, 2002	YAMAZAKI et al.	
	49	US-6,441,468	August 27, 2002	YAMAZAKI	
	50	US-6,447,867	September 10, 2002	KOMINAMI et al.	
	51	US-6,469,317	October 22, 2002	YAMAZAKI et al.	
	52	US-6,501,098	December 31, 2002	YAMAZAKI	
	53	US-6,524,895	February 25, 2003	YAMAZAKI et al.	
	54	US-6,555,969	April 29, 2003	YAMAZAKI	
	55	US-6,590,230	July 8, 2003	YAMAZAKI et al.	
	56	US-6,605,826	August 12, 2003	YAMAZAKI et al.	
	57	US-6,617,644	September 9, 2003	YAMAZAKI et al.	
	58	US-6,645,826	November 11, 2003	YAMAZAKI et al.	
	59	US-2002/0125817	September 12, 2002	YAMAZAKI et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
Examiner Signature		Date Considered	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.